

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
 Certificate Number. 951001163

Catalogue Number	044133
Lot Number	W30I035
Description	Lithium tert-butoxide, 99.9% (metals basis)
CAS Number	1907-33-1
Quality Test/Release Date	16/Apr/2025
Suggested retest date	16/Apr/2027
Country of Origin	Germany
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Assay (special)	%	≥99.0% as LiOC <sub>4</sub> H <sub>9</sub>	>99
Chloride content	ppm	≤300ppm	<300
Appearance (Color)		White to pale cream	White to pale cream
Form		Powder	Powder
Trace Metal	ppm	Zn: ≤1ppm	<1
Trace Metal	ppm	Na: ≤75ppm	<75
Trace Metal	ppm	Mg: ≤1ppm	<1
Trace Metal	ppm	Fe: ≤2ppm	<2
Trace Metal	ppm	Ca: ≤200ppm	<200
Trace Metal	ppm	Ba: ≤1ppm	<1



John Astarita  
 Director, Quality

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.